

WHAT IS CLAIMED IS:

1. An anti-theft device for an automobile, comprising:
a base module; and

5 a remote controller operable so as to transmit control
signals that are to be received by said base module for
controlling operation of said base module, said remote
controller including

a casing,

a command transmit key mounted on said casing,

10 a controller circuit disposed in said casing, and
including a processor unit coupled to said command
transmit key, and a transmitter unit coupled to and
controlled by said processor unit so as to transmit the
control signals wirelessly, said processor unit
15 controlling said transmitter unit so as to transmit the
control signals according to mode of activation of said
command transmit key, and

an indicator unit connected electrically to and
controlled by said processor unit to provide an
20 indication immediately after activation of said command
transmit key for a predetermined activation time period.

2. The anti-theft device as claimed in Claim 1, wherein
the control signals include

25 a single first pulse which corresponds to activation
of said command transmit key for a first activation time
period and which is to be translated by said base module
into a first control command,

consecutive ones of a second pulse and the first pulse which correspond to activation of said command transmit key for a second activation time period that is longer than the first activation time period, followed by
5 activation of said command transmit key for the first activation time period, and which are to be translated by said base module into a second control command, and

a consecutive pair of the second pulses which corresponds to two successive activations of said
10 command transmit key each for the second activation time period, and which is to be translated by said base module into a third control command,

wherein the second activation time period is equal to the predetermined activation time period, and the
15 second pulse has a pulse duration longer than that of the first pulse.

3. The anti-theft device as claimed in Claim 1, wherein said processor unit receives from said command transmit key a first signal having a first duration when said
20 command transmit key is activated for a first activation time period, and a second signal having a second duration longer than the first duration when said command transmit key is activated for a second activation time period that is longer than the first activation time period
25 and that is equal to the predetermined activation time period.

4. The anti-theft device as claimed in Claim 1, wherein

said command transmit key is a push-button switch.

5. The anti-theft device as claimed in Claim 1, wherein said indicator unit includes a light-emitting diode.

6. The anti-theft device as claimed in Claim 1, wherein
5 said indicator unit includes a vibrating motor.

7. The anti-theft device as claimed in Claim 1, wherein said indicator unit includes a buzzer.

8. The anti-theft device as claimed in Claim 1, wherein
10 said indicator unit includes at least one of a light-emitting diode, a vibrating motor, and a buzzer.

9. A remote controller operable so as to transmit control signals that are to be received by a base module of an anti-theft device for an automobile so as to control operation of the base module, said remote controller
15 comprising:

a casing;

a command transmit key mounted on said casing;

a controller circuit disposed in said casing, and including a processor unit coupled to said command
20 transmit key, and a transmitter unit coupled to and controlled by said processor unit so as to transmit the control signals wirelessly, said processor controlling said transmitter unit so as to transmit the control signals according to mode of activation of said command
25 transmit key; and

an indicator unit connected electrically to and controlled by said processor unit to provide an

indication immediately after activation of said command transmit key for a predetermined activation time period.

10. The remote controller as claimed in Claim 9, wherein the control signals include

5 a single first pulse which corresponds to activation of said command transmit key for a first activation time period and which is to be translated by the base module into a first control command,

consecutive ones of a second pulse and the first pulse
10 which correspond to activation of said command transmit key for a second activation time period that is longer than the first activation time period, followed by activation of said command transmit key for the first activation time period, and which are to be translated
15 by the base module into a second control command, and

a consecutive pair of the second pulses which corresponds to two successive activations of said command transmit key each for the second activation time period, and which is to be translated by the base module
20 into a third control command,

wherein the second activation time period is equal to the predetermined activation time period, and the second pulse has a pulse duration longer than that of the first pulse.

25 11. The remote controller as claimed in Claim 9, wherein said processor unit receives from said command transmit key a first signal having a first duration when said

command transmit key is activated for a first activation time period, and a second signal having a second duration longer than the first duration when said command transmit key is activated for a second activation time period that is longer than the first activation time period and that is equal to the predetermined activation time period.

12. The remote controller as claimed in Claim 9, wherein said command transmit key is a push-button switch.

13. The remote controller as claimed in Claim 9, wherein said indicator unit includes a light-emitting diode.

14. The remote controller as claimed in Claim 9, wherein said indicator unit includes a vibrating motor.

15. The remote controller as claimed in Claim 9, wherein said indicator unit includes a buzzer.

16. The remote controller as claimed in Claim 9, wherein said indicator unit includes at least one of a light-emitting diode, a vibrating motor, and a buzzer.